

PATENT COOPERATION TREATY

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JUN 20 2002

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

SEED INTELLECTUAL PROPERTY
LAW GROUP PLLC

To:
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P PLLC
Attn. Verna James
Suite 6300
701 Fifth Avenue
Seattle, WA 98104-7092
UNITED STATES OF AMERICA

INVITATION TO PAY ADDITIONAL FEES

(PCT Article 17(3)(a) and Rule 40.1)

SUPP. IDS.
JULY 12, 2002
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Date of mailing (day/month/year)	12/06/2002
PAYMENT DUE	within 45 XXXX days/days from the above date of mailing
International filing date (day/month/year)	10/07/2001
PCT-ADD. FEES JULY 27, 2002 ENTERED IN DOCKET	

Applicant's or agent's file reference

210121.47802 PC

International application No.

PCT/US 01/22058

Applicant

CORIXA CORPORATION et al.

1. This International Searching Authority

- (i) considers that there are 1125 (number of) inventions claimed in the international application covered by the claims indicated ~~XXXX~~ on the extra sheet:

and it considers that the international application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reasons indicated ~~XXXX~~ on the extra sheet:

- (ii) ☒ has carried out a partial international search (see Annex) ☐ will establish the international search report on those parts of the international application which relate to the invention first mentioned in claims Nos.:

Invention 1, Claims 1-19 (all partly)

- (iii) will establish the international search report on the other parts of the international application only if, and to the extent to which, additional fees are paid

2. The applicant is hereby invited, within the time limit indicated above, to pay the amount indicated below:

EUR 945,00 x 1124 = EUR 1.062.180,00
Fee per additional invention number of additional inventions total amount of additional fees

Or, _____ x _____ = _____

The applicant is informed that, according to Rule 40.2(c), the payment of any additional fee may be made under protest, i.e., a reasoned statement to the effect that the international application complies with the requirement of unity of invention or that the amount of the required additional fee is excessive.

3. ☐ Claim(s) Nos. _____ have been found to be unsearchable under Article 17(2)(b) because of defects under Article 17(2)(a) and therefore have not been included with any invention.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Sandra De Jong-van Dam

**Annex to Form PCT/ISA/206
COMMUNICATION RELATING TO THE RESULTS
OF THE PARTIAL INTERNATIONAL SEARCH**

International Application No

PCT/US 01/22058

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:
- see 'Invitation to pay additional fees'
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 38973 A (CORIXA CORP) 5 August 1999 (1999-08-05) page 1 -page 45; claims; examples ---	1-19
X	GÜRE ET AL: "Human lung cancer antigens recognized by autologous antibodies: definition of a novel cDNA derived from the tumor suppressor gene locus on chromosome 3p21.3" CANCER RESEARCH, AMERICAN ASSOCIATION FOR CANCER RESEARCH, BALTIMORE, MD, US, vol. 58, 1 March 1998 (1998-03-01), pages 1034-1041, XP002103188 ISSN: 0008-5472 the whole document ---	1-19
X	CHEN S-L ET AL: "Isolation and characterization of a novel gene expressed in multiple cancers" ONCOGENE, BASINGSTOKE, HANTS, GB, vol. 12, no. 4, 15 February 1996 (1996-02-15), pages 741-751, XP002106655 ISSN: 0950-9232 the whole document --- -/--	1-19

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

**Annex to Form PCT/ISA/206
COMMUNICATION RELATING TO THE RESULTS
OF THE PARTIAL INTERNATIONAL SEARCH**

International Application No
PCT/US 01/22058

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE EMBL [Online] ID: HS1285106, 1 July 1997 (1997-07-01) "ab23f06.rl Stratagene lung (#937210) Homo sapiens cDNA clone" Database accession no. AA488696 XP002199797</p>	1-6, 8-10,17, 18
Y	abstract	7,11-16, 19
X	<p>--- DATABASE EMBL [Online] 7 June 2000 (2000-06-07) "Homo sapiens cDNA" Database accession no. AW950090 XP002199798</p>	1-6, 8-10,17, 18
Y	abstract	7,11-16, 19
X	<p>--- DATABASE EMBL [Online] ID: HS73234, 5 March 1995 (1995-03-05) Database accession no. T63732.1 XP002199799</p>	1-6, 8-10,17, 18
X	<p>abstract -& HILLIER L ET AL: "GENERATION AND ANALYSIS OF 280,000 HUMAN EXPRESSED SEQUENCE TAGS" GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, US, vol. 6, 1996, pages 807-828, XP002942261 ISSN: 1088-9051</p>	1-6, 8-10,17, 18
Y	the whole document	7,11-16, 19
P,X	<p>--- WO 00 55375 A (ALPHAGENE INC) 21 September 2000 (2000-09-21) SEQ ID NO: 87, SEQ ID NO: 88 page 443; claim 96</p>	1-19
A	<p>--- ZANGEMEISTER-WITTKE U ET AL: "REVIEW NOVEL APPROACHES TO THE TREATMENT OF SMALL-CELL LUNG CANCER" CMLS CELLULAR AND MOLECULAR LIFE SCIENCES, BIRKHAUSER VERLAG, BASEL, CH, vol. 55, no. 12, September 1999 (1999-09), pages 1585-1598, XP000960960 ISSN: 1420-682X the whole document -----</p>	1-19

Patent Family Annex

Information on patent family members

International Application No

PCT/US 01/22058

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9938973	A	05-08-1999	AU	2344399 A		16-08-1999
			BR	9907259 A		22-01-2002
			CA	2319117 A1		05-08-1999
			CN	1292029 T		18-04-2001
			EP	1051489 A2		15-11-2000
			NO	20003853 A		27-09-2000
			WO	9938973 A2		05-08-1999
			ZA	9900693 A		21-10-1999

WO 0055375	A	21-09-2000	AU	3899700 A		04-10-2000
			WO	0055375 A1		21-09-2000
			AU	2883500 A		04-09-2000
			EP	1153121 A2		14-11-2001
			WO	0049134 A1		24-08-2000

Please type a plus sign (+) inside this box → ☒

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**(To be used for all correspondence
after initial filing)

Application Number	09/849,626
Filing Date	May 3, 2001
First Named Inventor	Chaitanya S. Bangur
Group Art Unit	1645
Examiner Name	Not Assigned
Attorney Docket No.	210121.478C16

RECEIVED**ENCLOSURES (check all that apply)**

JUL 3 0 2002

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment/Response
 - ☐ After Final
 - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Supplemental Information Disclosure Statement; Form PTO-1449
- ☒ Cited References (7)
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts under 37 C.F.R. 1.52 or 1.53
- ☐ Response to Missing Parts/Incomplete Application

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Request for Corrected Filing Receipt
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation, Change of Correspondence Address
- ☐ Declaration
- ☐ Statement under 37 CFR 3.73(b)
- ☐ Terminal Disclaimer
- ☐ Small Entity Statement
- ☐ Request for Refund

- ☐ CD(s), Number of CD(s)
- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Return Receipt Postcard
- ☒ Additional Enclosure(s) (please identify below):
 - Copy of Invitation to Pay
 - Additional Fees for PCT/US01/22058

TECH CENTER 1600/2900**Remarks****SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Individual Name William T. Christiansen, Ph.D. 44,614



00500

PATENT TRADEMARK OFFICE

Signature

Date

July 19, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date specified below.

Typed or printed name Lawrence Teague

Signature

Date: July 19, 2002



COPY OF PAPERS
ORIGINALLY FILED

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Chaitanya S. Bangur et al.
Application No. : 09/849,626
Filed : May 3, 2001
For : COMPOSITIONS AND METHODS FOR THE THERAPY AND
DIAGNOSIS OF LUNG CANCER

Art Unit : 1645

Docket No. : 210121.478C16

RECEIVED

JUL 30 2002

Commissioner for Patents
Washington, DC 20231

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached Form PTO-1449 (copies of the cited references, as required under 37 C.F.R. § 1.98, are enclosed). Documents on the attached Form PTO-1449 were cited in an Invitation to Pay Additional Search Fees for corresponding foreign application PCT/US01/22058, mailed June 12, 2002, a copy of which is enclosed. As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

I hereby certify that each of the references set forth on the attached form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Supplemental Information Disclosure Statement.

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,
Seed Intellectual Property Law Group PLLC



William T. Christiansen, Ph.D.
Registration No. 44,614

WTC:CDL:ljt

Enclosures:

- Postcard
- Form PTO-1449
- Form PTB/SB/21
- Copies of Cited References (7)
- Copy of Invitation to Pay Additional Fees for PCT/US01/22058

701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031